

EG&G ROCKY FLATS

92 REF 0113

EG&G ROCKY FLATS, INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 • (303) 966-7000

January 10, 1992

92-RF-0113

Robert M Nelson, Jr
Manager
DOE, RFO

MONTHLY UPDATE ON STATUS OF PONDCRETE OPERATIONS - JMK 0008-92

Attn J J Rampe

Attached is a status report for Waste Repacking and Solidification (WR&S) from November 27, 1991 through December 26 1991 Upon your approval please forward this report to the Colorado Department of Health Copies are also to be provided to the Environmental Protection Agency and the Rocky Flats Environmental Monitoring Council

If there are any questions concerning the report please contact J D Roberts 966-6129, or D R Pierson at 966-7100

J M Kersh
Associate General Manager
Environmental & Waste Management

DRP c/v

Orig and 3 cc - R M Nelson Jr

Attachment
As Stated

[illegible]

CLASSIFICATION

UNCLASSIFIED	1	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER
SIGNATURE

DATE 1-7-64

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FOR PONDCRETE OPERATIONS
NOVEMBER 27, 1991 THROUGH DECEMBER 26, 1991

BUILDING 788

Approximately 232,740 gallons of liquid were transferred from the 207B North pond to Building 374, Liquid Waste Operations during the reporting period

STORAGE PAD 750

There were no spills found during the ongoing inspections of the pad during the reporting period
Approximately 12,000 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations

STORAGE PAD 904

There were no spills found during the ongoing inspections of the pad during the reporting period
Approximately 13,000 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations

904 AND 750 WR&S STORAGE AREAS
RESULTS FROM ANALYSIS OF GRAB SAMPLES

Analytical results from analysis of grab samples collected at the 750 and 904 Pondcrete storage areas are summarized below. This report includes all data for which analytical results were available from November 27, 1991 through December 26, 1991. The plant guide for Nitrate discharges is 10 mg/l for gross Alpha is 40 pCi/l, and for gross Beta is 50 pCi/l. Also included are the Cyanide, Cadmium, and Ammonia results upon availability.

TABLE 1
750 CULVERT

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	TOTAL DISSOLVED SOLIDS (mg/l)
11/19/91	0.68	39±6	58±8	376

TABLE 2
750 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/l	CADMIUM ug/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
11/20/91	0.22	0.5±0.7	7±1	<0.003	<3.0	0.36	256

TABLE 3
904 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/l	CADMIUM ug/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
11/20/91	0.21	0.3±0.3	0.6±1.0	<0.003	<3.0	0.25	13

These data were gathered as part of the routine environmental monitoring conducted by Environmental Management to screen runoff waters from the pads. Care must be used in any interpretation of these data, which are derived from grab samples taken in a dynamic system.